

APPARATUS HAVING IMPROVED HARD BIAS PROPERTIES OF LAYERS IN A MAGNETORESISTIVE SENSOR

ABSTRACT

An apparatus having improved hard bias properties of layers of a magnetoresistance sensor is disclosed. Properties of the hard bias layer are improved using a seedlayer structure that includes at least a layer of silicon and a layer comprising chromium or chromium molybdenum. Further, benefits are achieved when the seedlayer structure includes a layer of tantalum.